

## ABSTRACT OF THE INVENTION

A system for generating user interface code is provided. The system includes a user interface class system generating a user interface class that has two or more user interface features that can be assembled into a user interface by an operator, such as field entry prompts and data display fields. The system also includes a handler class system generating one or more states for each user interface feature of the user interface class, such as to navigate through the field entry prompts and data display fields. The user interface class system, in conjunction with the handler class system, generates the user interface code that causes the selected user interface features and associated states for the user interface features to be generated.